

Appl. No. 09/803,889
Amdt. dated October 20, 2004
Reply to Office action of August 12, 2004

Amendments to the Abstract:

Please replace the Abstract with the following amended Abstract:

A flight recorder designed for small aircraft captures various onboard flight data in real-time and stores it in non-volatile memory. Recorded data includes aircraft's instantaneous position, altitude, attitude, engine RPM, G forces, flap position, cockpit voice and others. These data are obtained from various sensors which are integrated into the recorder. At the end of a flight the recorded data is downloaded into a computer using a wireless communications data transceiver also integrated into the recorder. ~~It is an inexpensive system that does not require interfacing to any of the aircraft's instruments.~~ It does not require removal or attaching any equipment to be able to download data. In addition to accident investigation, applications include training, preventive maintenance and asset monitoring.